

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027614.D
 Acq On : 12 Sep 2023 17:34
 Operator : MA/JU
 Sample : 04354-02
 Misc :
 ALS Vial : 116 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L57-090723

Quant Time: Sep 12 18:01:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

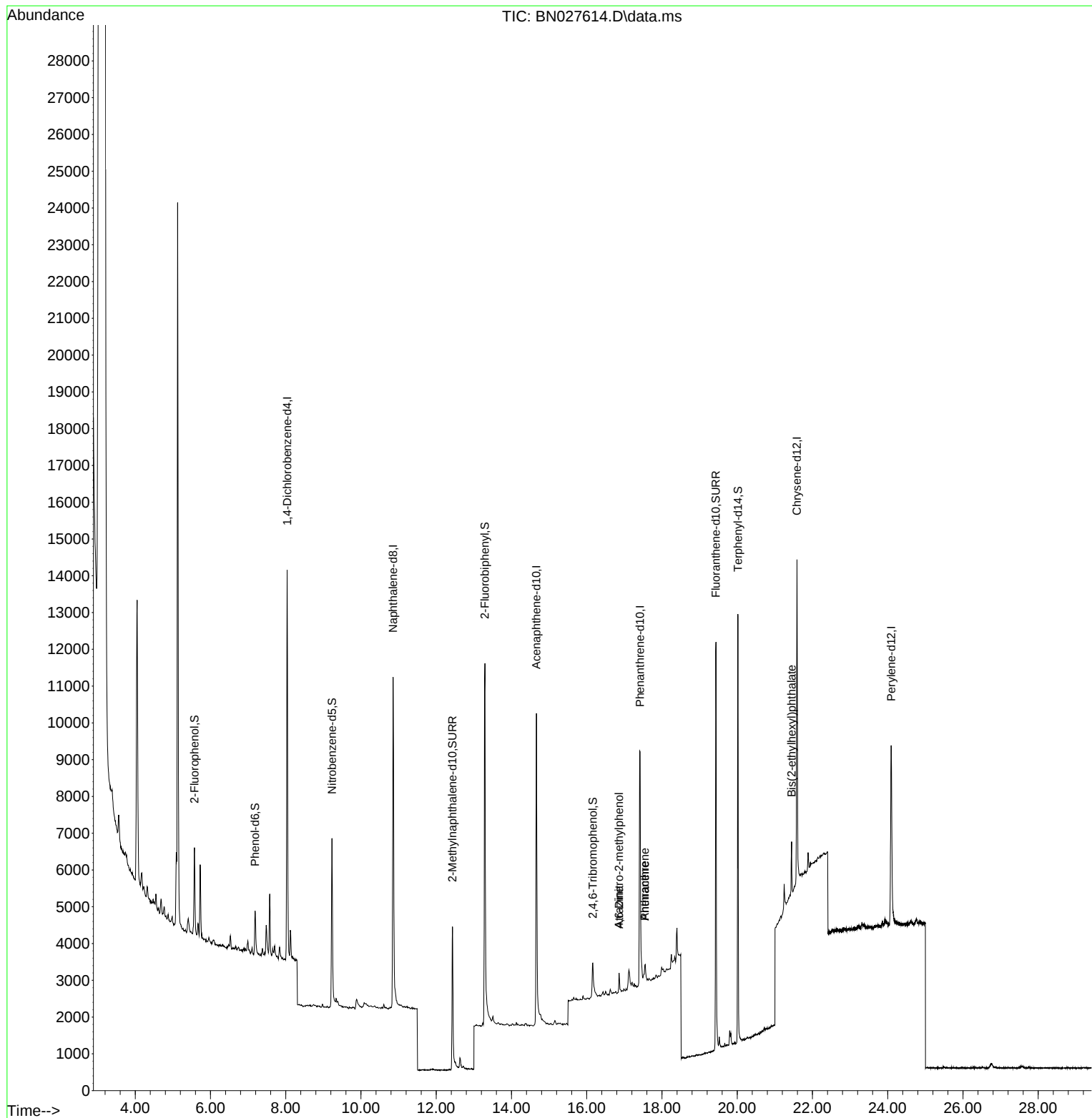
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	5347	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	13593	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	5983	0.400	ng	0.00
19) Phenanthrene-d10	17.418	188	11896	0.400	ng	# 0.01
29) Chrysene-d12	21.587	240	9259	0.400	ng	0.00
35) Perylene-d12	24.092	264	8529	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	2261	0.162	ng	0.00
5) Phenol-d6	7.185	99	1411	0.083	ng	0.00
8) Nitrobenzene-d5	9.230	82	4508	0.455	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	6650	0.333	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	785	0.354	ng	0.01
15) 2-Fluorobiphenyl	13.293	172	11183	0.492	ng	0.00
27) Fluoranthene-d10	19.435	212	13386	0.453	ng	0.00
31) Terphenyl-d14	20.020	244	11712	0.630	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	16.859	198	16	0.094	ng	# 46
23) Atrazine	16.859	200	466	0.099	ng	# 83
25) Phenanthrene	17.542	178	764	0.022	ng	96
26) Anthracene	17.542	178	730	0.025	ng	96
34) Bis(2-ethylhexyl)phtha...	21.444	149	1377	0.090	ng	# 98

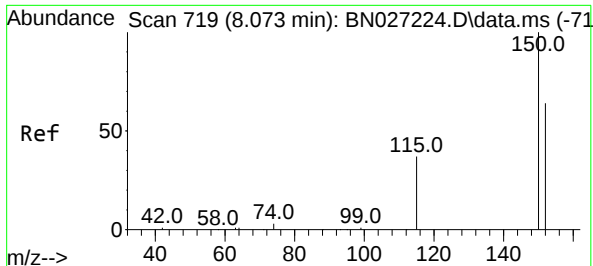
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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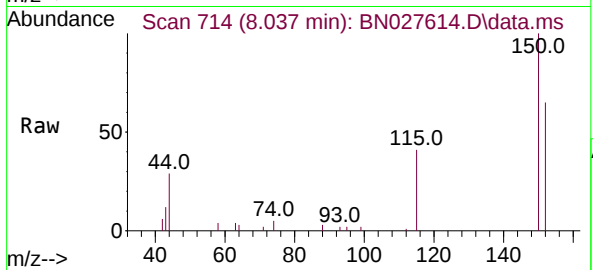
Quant Time: Sep 12 18:01:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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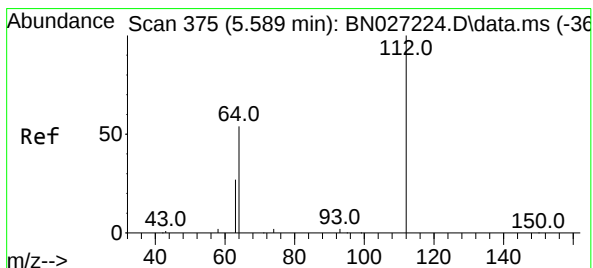
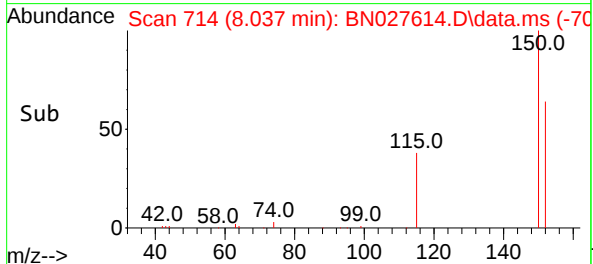
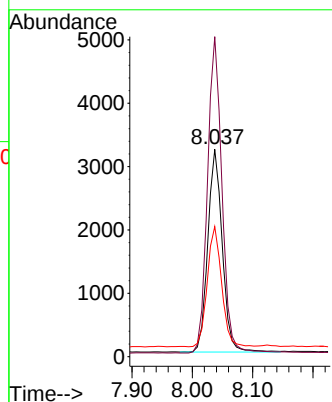


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.037 min Scan# 719
Delta R.T. 0.000 min
Lab File: BN027614.D
Acq: 12 Sep 2023 17:34

Instrument :
BNA_N
ClientSampleId :
PW-B6-L57-090723

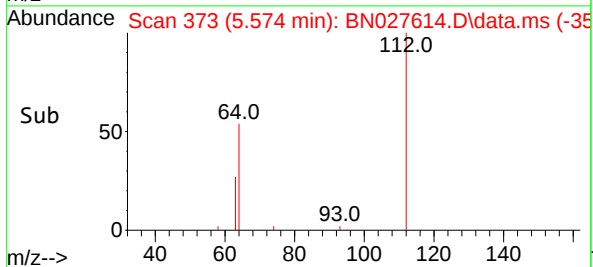
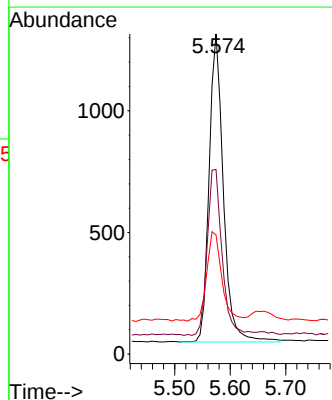
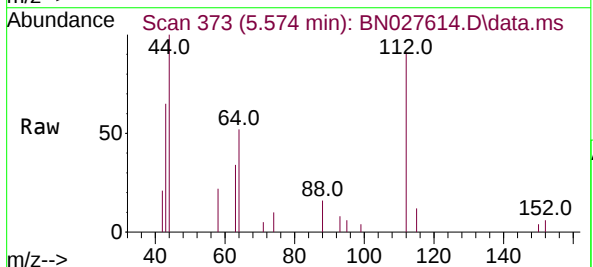


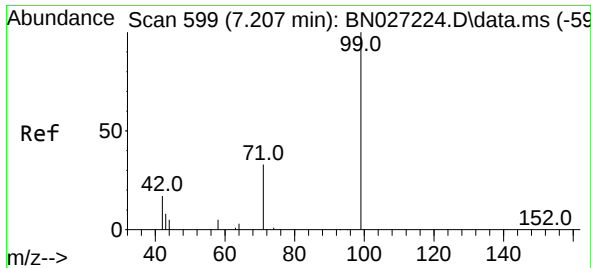
Tgt Ion:152 Resp: 5347
Ion Ratio Lower Upper
152 100
150 154.3 122.7 184.1
115 62.8 48.6 73.0



#4
2-Fluorophenol
Concen: 0.162 ng
RT: 5.574 min Scan# 373
Delta R.T. 0.000 min
Lab File: BN027614.D
Acq: 12 Sep 2023 17:34

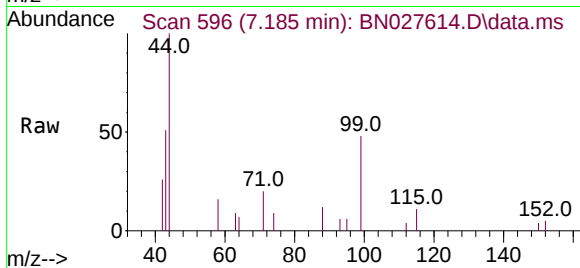
Tgt Ion:112 Resp: 2261
Ion Ratio Lower Upper
112 100
64 56.3 44.4 66.6
63 30.8 23.1 34.7



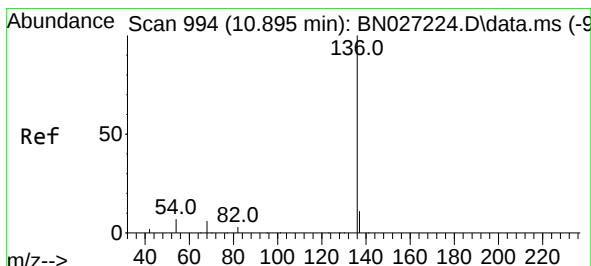
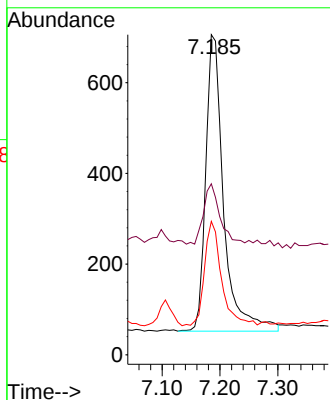
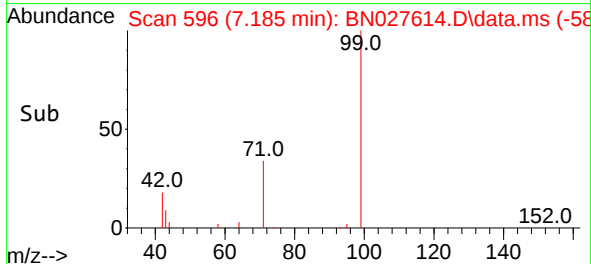


#5
Phenol-d6
Concen: 0.083 ng
RT: 7.185 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027614.D
Acq: 12 Sep 2023 17:34

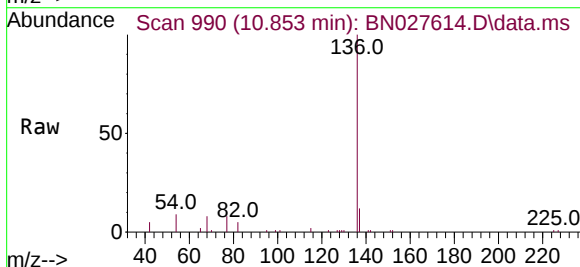
Instrument :
BNA_N
ClientSampleId :
PW-B6-L57-090723



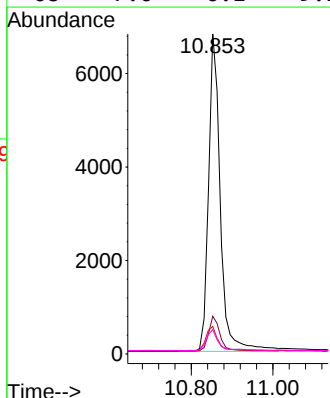
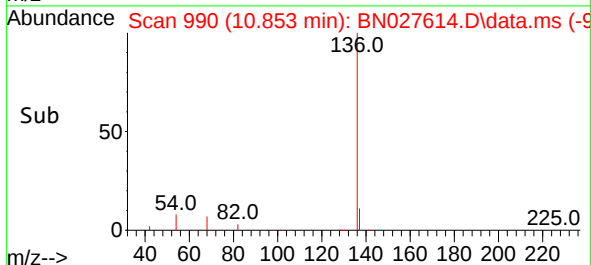
Tgt Ion:	99	Resp:	1411
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	32.9	25.8	38.6

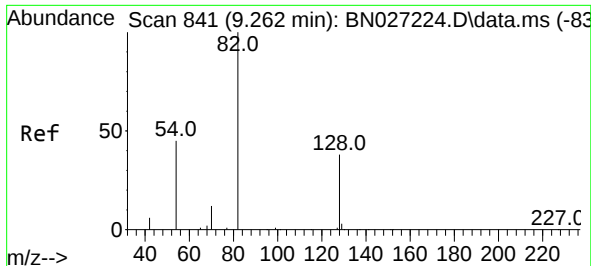


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN027614.D
Acq: 12 Sep 2023 17:34



Tgt Ion:	136	Resp:	13593
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	8.6	6.7	10.1
68	7.6	6.1	9.1

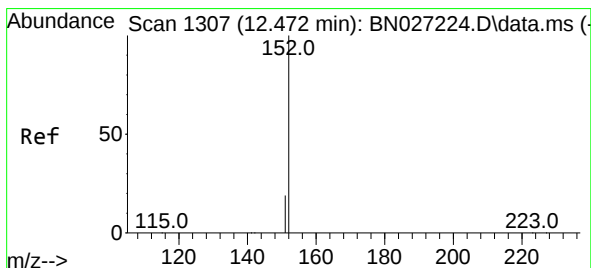
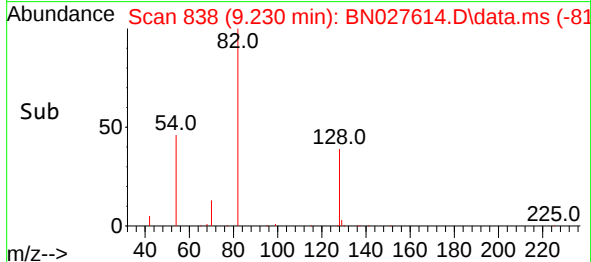
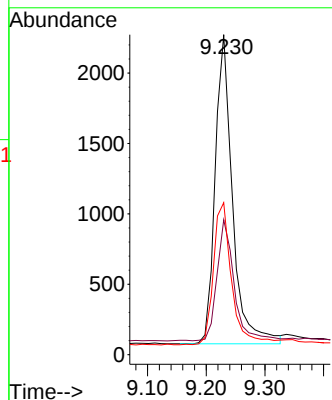
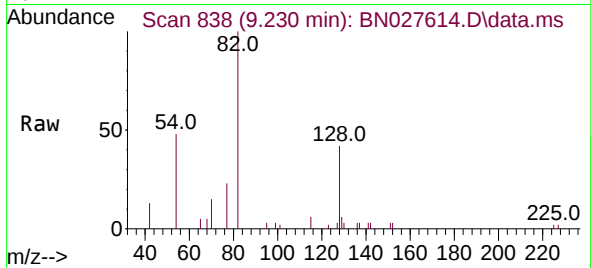




#8
Nitrobenzene-d5
Concen: 0.455 ng
RT: 9.230 min Scan# 81
Delta R.T. 0.000 min
Lab File: BN027614.D
Acq: 12 Sep 2023 17:34

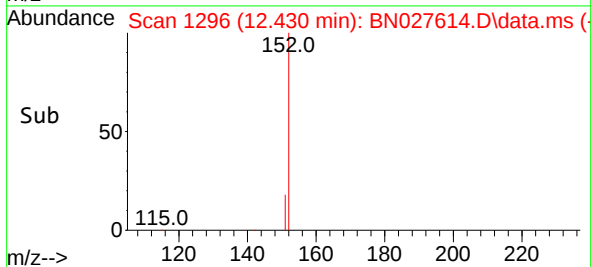
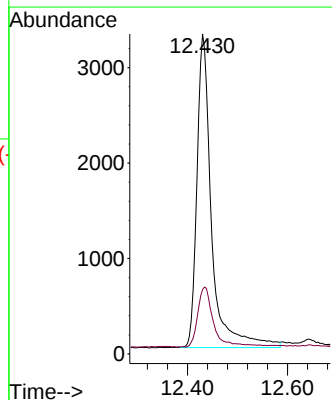
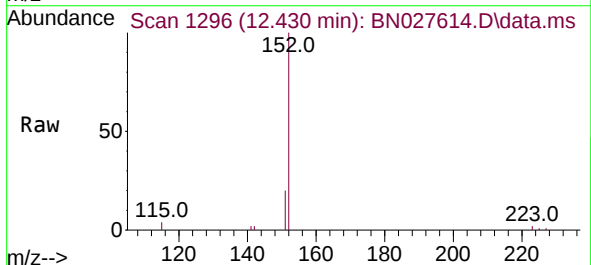
Instrument :
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ClientSampleId :
PW-B6-L57-090723

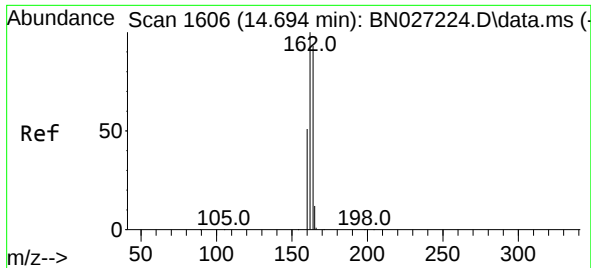
Tgt Ion: 82 Resp: 4508
Ion Ratio Lower Upper
82 100
128 42.1 33.4 50.0
54 47.5 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.430 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BN027614.D
Acq: 12 Sep 2023 17:34

Tgt Ion: 152 Resp: 6650
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0

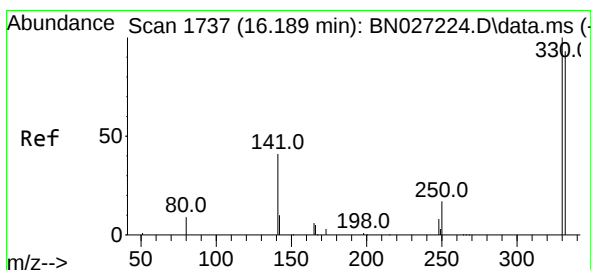
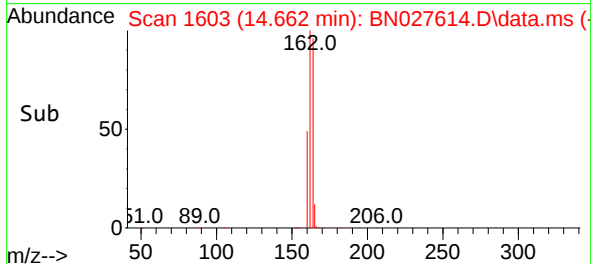
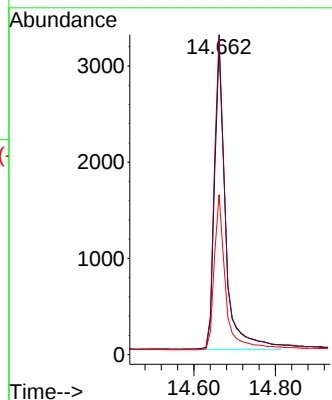
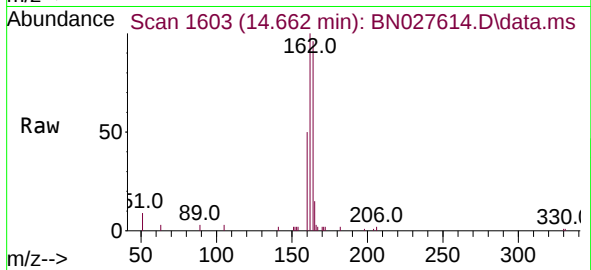




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BN027614.D
Acq: 12 Sep 2023 17:34

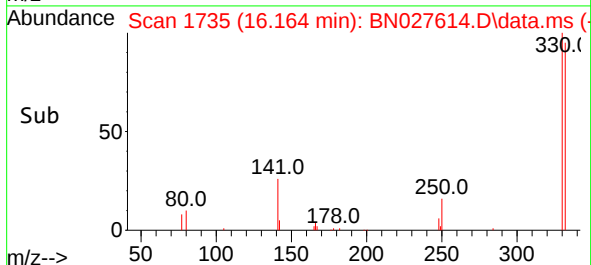
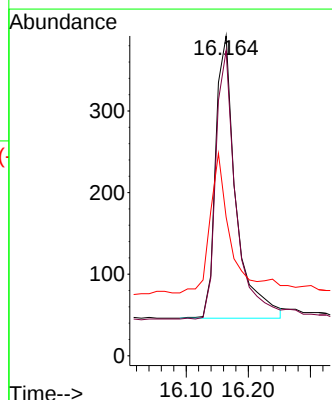
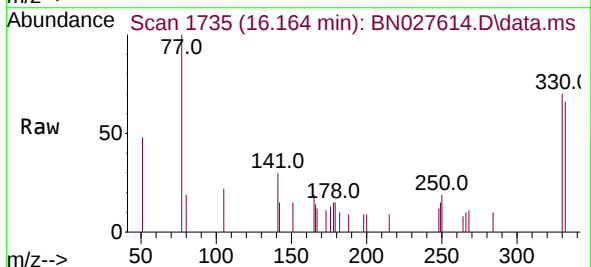
Instrument :
BNA_N
ClientSampleId :
PW-B6-L57-090723

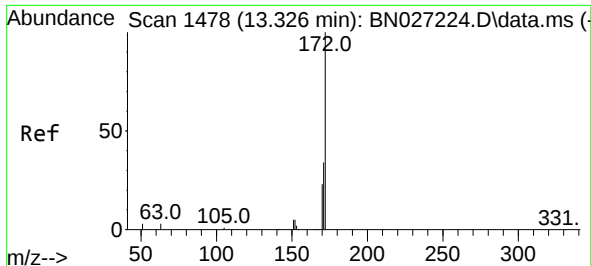
Tgt Ion:164 Resp: 5983
Ion Ratio Lower Upper
164 100
162 104.2 85.8 128.8
160 52.1 44.2 66.2



#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 16.164 min Scan# 1735
Delta R.T. 0.012 min
Lab File: BN027614.D
Acq: 12 Sep 2023 17:34

Tgt Ion:330 Resp: 785
Ion Ratio Lower Upper
330 100
332 95.0 75.2 112.8
141 50.3 36.2 54.4

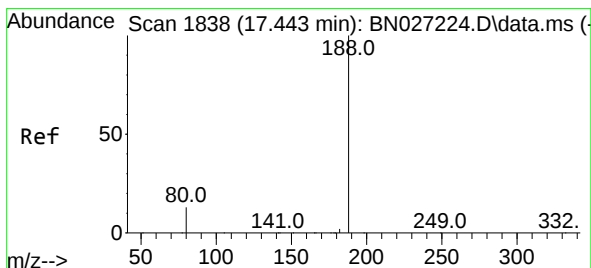
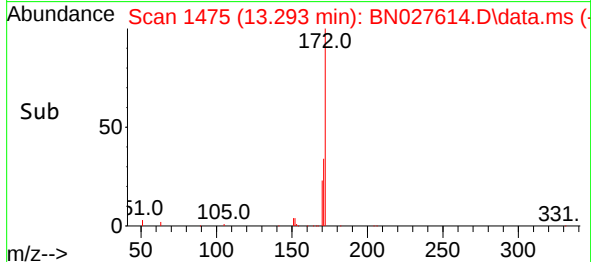
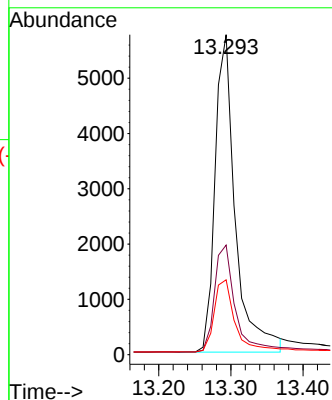
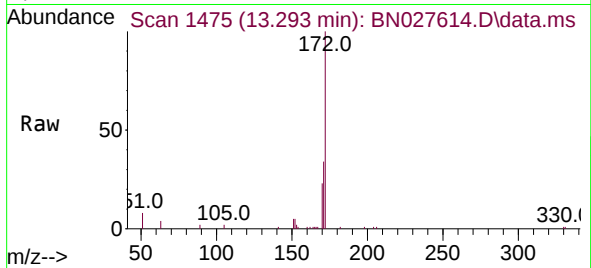




#15
2-Fluorobiphenyl
Concen: 0.492 ng
RT: 13.293 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027614.D
Acq: 12 Sep 2023 17:34

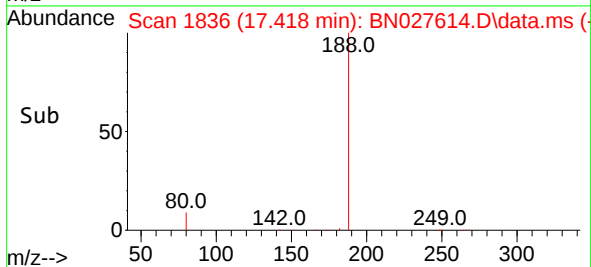
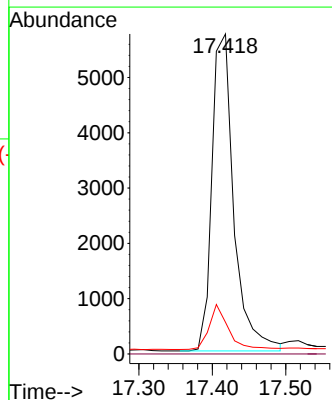
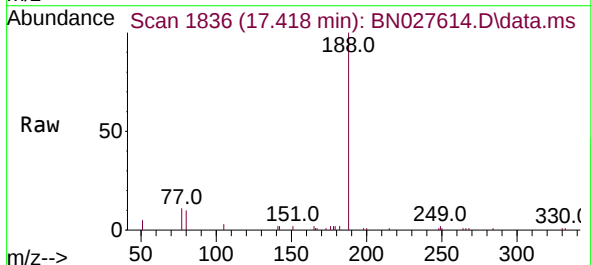
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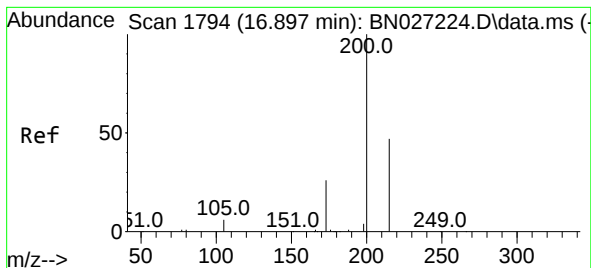
Tgt Ion:	172	Resp:	11183
Ion Ratio	Lower	Upper	
172	100		
171	34.2	27.8	41.8
170	23.4	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.418 min Scan# 1836
Delta R.T. 0.013 min
Lab File: BN027614.D
Acq: 12 Sep 2023 17:34

Tgt Ion:	188	Resp:	11896
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.9	11.0	16.6

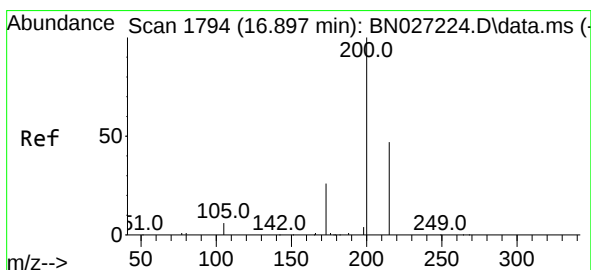
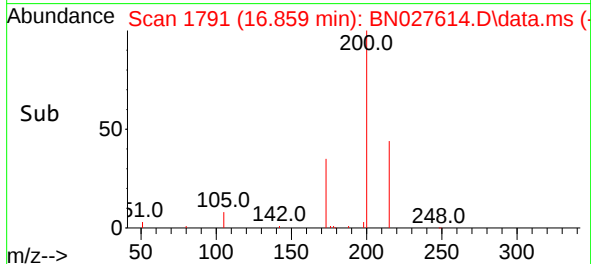
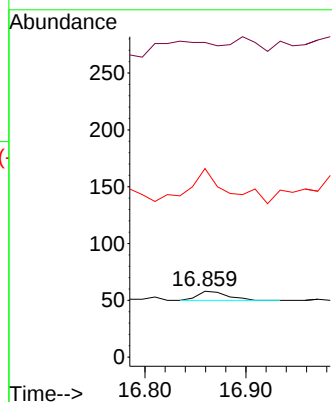
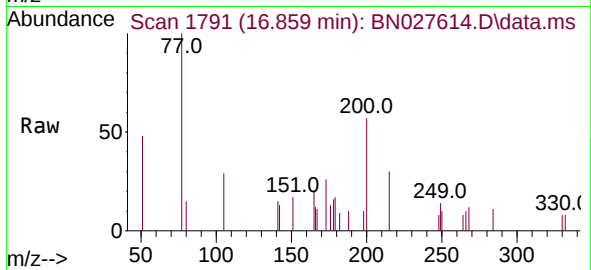




#20
4,6-Dinitro-2-methylphenol
Concen: 0.094 ng
RT: 16.859 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BN027614.D
Acq: 12 Sep 2023 17:34

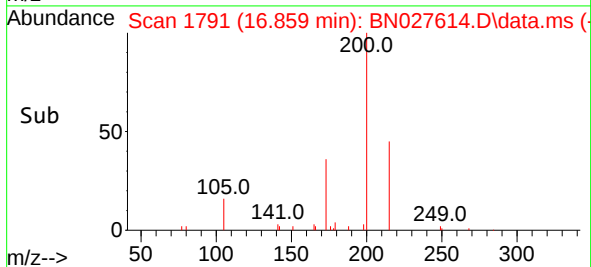
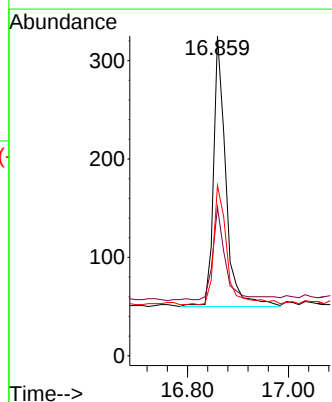
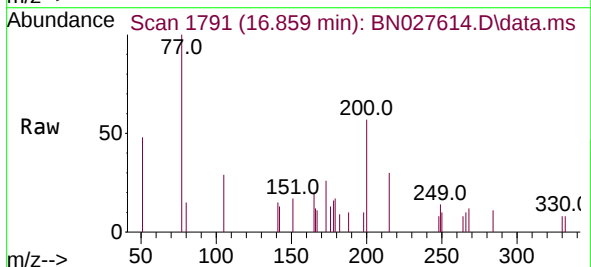
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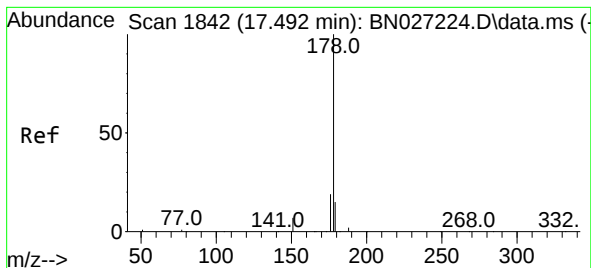
Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 477.6 282.2 423.2#
105 286.2 168.7 253.1#



#23
Atrazine
Concen: 0.099 ng
RT: 16.859 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BN027614.D
Acq: 12 Sep 2023 17:34

Tgt Ion:200 Resp: 466
Ion Ratio Lower Upper
200 100
173 46.5 22.5 33.7#
215 53.2 39.0 58.6





#25

Phenanthrene

Concen: 0.022 ng

RT: 17.542 min Scan# 1846

Delta R.T. 0.087 min

Lab File: BN027614.D

Acq: 12 Sep 2023 17:34

Instrument :

BNA_N

ClientSampleId :

PW-B6-L57-090723

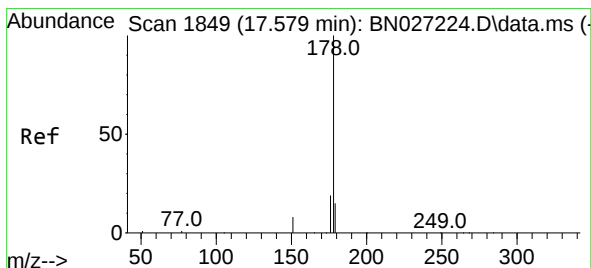
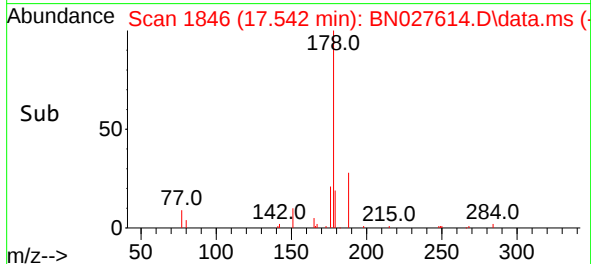
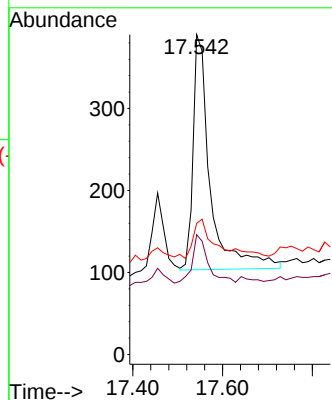
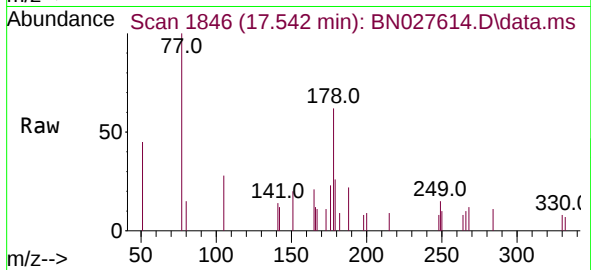
Tgt Ion:178 Resp: 764

Ion Ratio Lower Upper

178 100

176 20.3 15.6 23.4

179 17.9 12.3 18.5



#26

Anthracene

Concen: 0.025 ng

RT: 17.542 min Scan# 1846

Delta R.T. 0.000 min

Lab File: BN027614.D

Acq: 12 Sep 2023 17:34

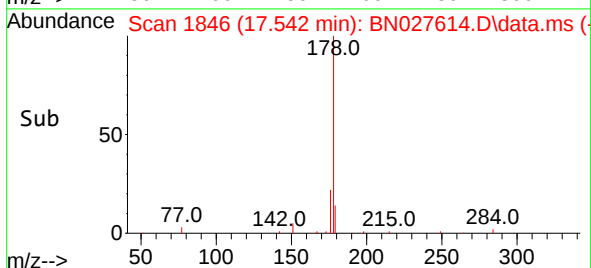
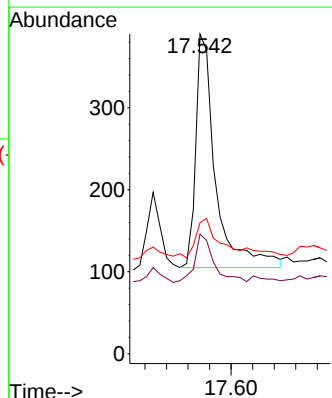
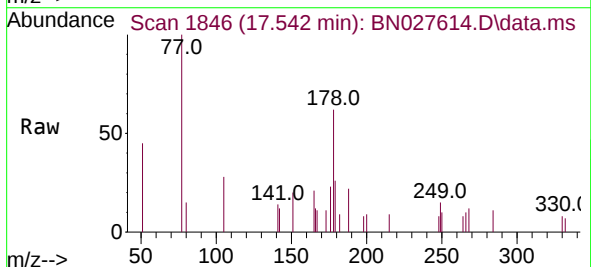
Tgt Ion:178 Resp: 730

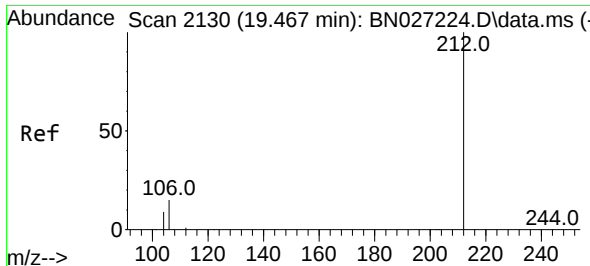
Ion Ratio Lower Upper

178 100

176 19.6 14.9 22.3

179 17.3 12.0 18.0

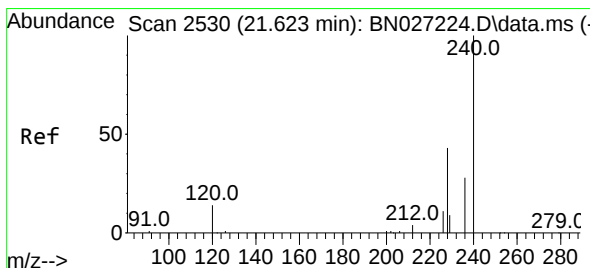
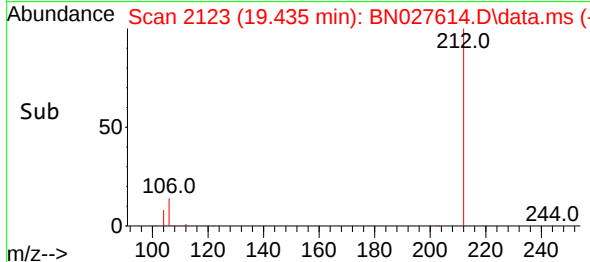
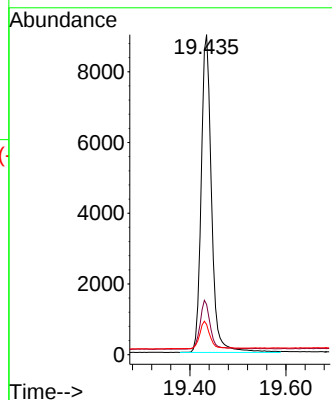
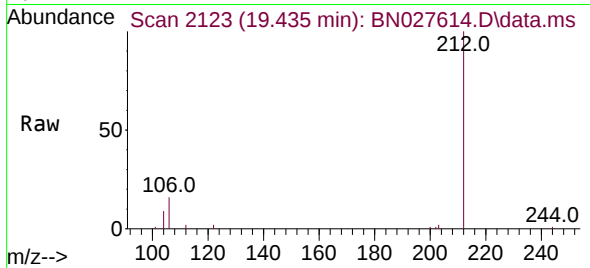




#27
Fluoranthene-d10
Concen: 0.453 ng
RT: 19.435 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN027614.D
Acq: 12 Sep 2023 17:34

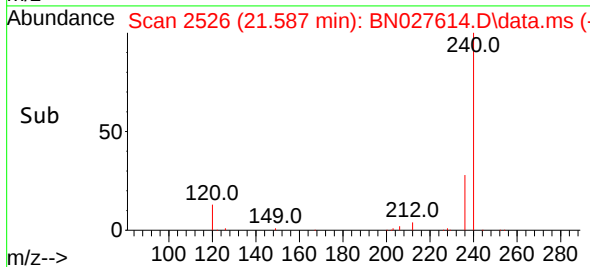
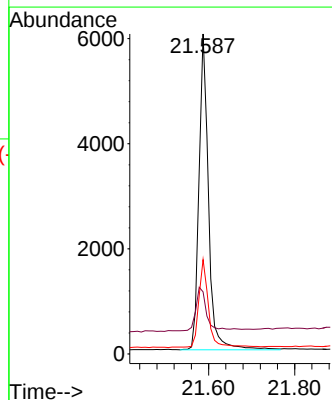
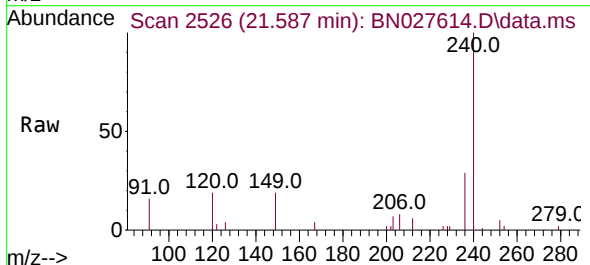
Instrument :
BNA_N
ClientSampleId :
PW-B6-L57-090723

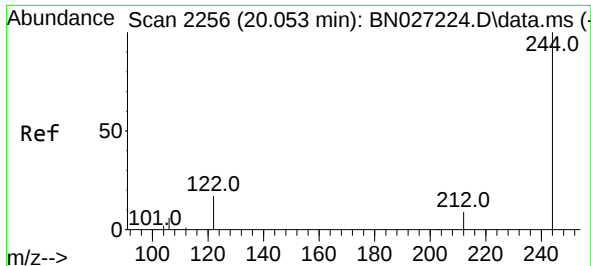
Tgt Ion:212 Resp: 13386
Ion Ratio Lower Upper
212 100
106 15.1 12.1 18.1
104 8.4 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BN027614.D
Acq: 12 Sep 2023 17:34

Tgt Ion:240 Resp: 9259
Ion Ratio Lower Upper
240 100
120 19.4 14.2 21.4
236 29.5 22.9 34.3

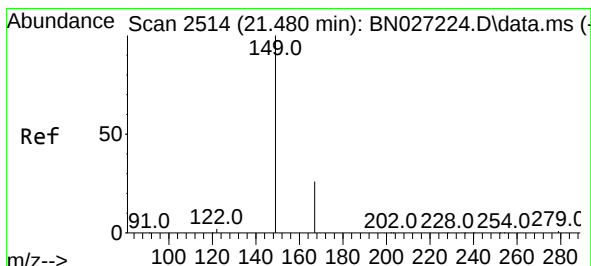
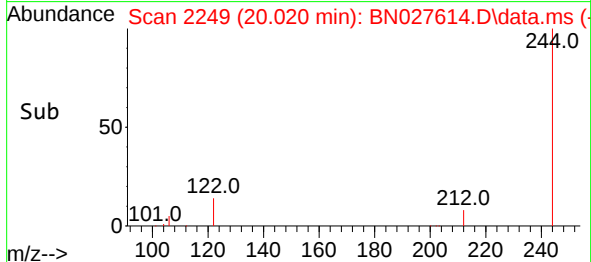
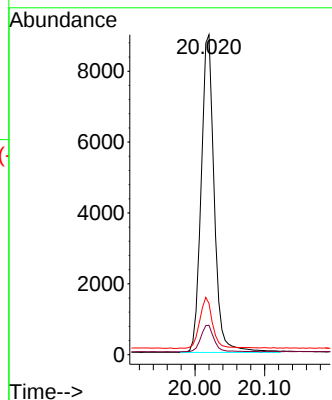
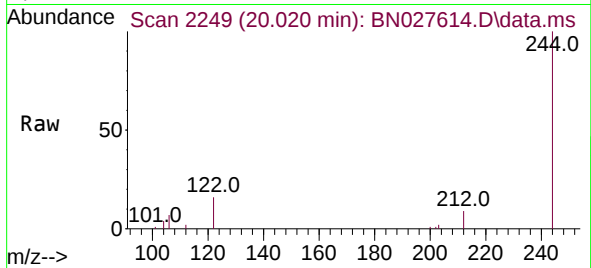




#31
 Terphenyl-d14
 Concen: 0.630 ng
 RT: 20.020 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027614.D
 Acq: 12 Sep 2023 17:34

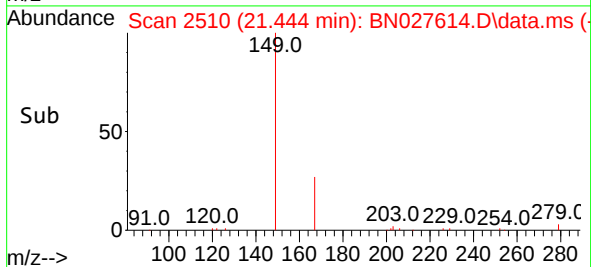
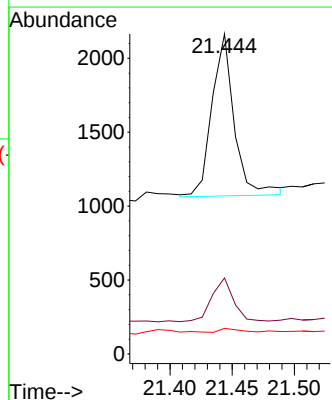
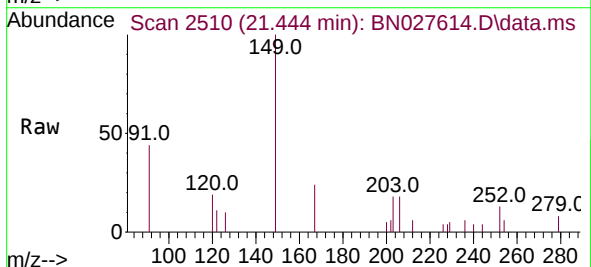
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L57-090723

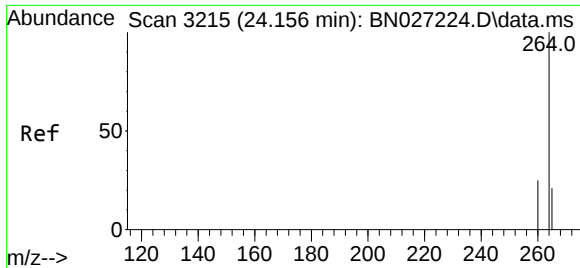
Tgt Ion:244 Resp: 11712
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.5 11.3
 122 16.0 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.090 ng
 RT: 21.444 min Scan# 2510
 Delta R.T. 0.000 min
 Lab File: BN027614.D
 Acq: 12 Sep 2023 17:34

Tgt Ion:149 Resp: 1377
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.1 33.1
 279 2.3 2.7 4.1#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.092 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BN027614.D
 Acq: 12 Sep 2023 17:34

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L57-090723

Tgt Ion:264 Resp: 8529
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.7 31.1
 265 99.0 53.3 79.9#

